Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 23 May 2021 until 23:59 on Monday 24 May 2021

Forecast Issued on Sunday 23 May 2021 at 02:55

Confidence: High confidence for rain band spreading east later Sunday, though moderate confidence for timing. High confidence for showers Monday, but low confidence of extent and longevity, and also for the amount of sunshine through the day. High confidence for a gradual trend to drier conditions through the coming week.

Headline for Sunday 23 May 2021: Fine, cold start. Cloud gradually thickens and lowers, with rain spreading east by the evening.

Mountain weather hazards on Sunday 23 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Heavy Rain	Heavy Rain
Precipitation probability					
10%	30%	30%	40%	60%	90%

Forecast for Sunday 23 May 2021

Weather: Cold overnight with clear spells, and a touch of frost possible. Early sunny spells, however cloud soon thickening with the odd shower developing. Winds strengthening, and cloud lowering onto summits during the late afternoon and evening as a band of more persistent rain moves through. This heavy for a time, but clearing east by midnight.

Chance of cloud free mountain/hill tops above 600m: 90% at first, but falling to 20% by late afternoon

Visibility: Good to very good views of distant hills during the morning, but decreasing through the day. Cloud obscuring summits with increasing frequency and duration, mainly above 500m. Only moderate visibility likely at lower levels during showers and rain. Visibility improving during the evening, once rain has cleared.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 23 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 S	17/24 S	19/29 S	24/35 S	23/34 S	18/26 S	14/21 SW
300	6/12 S	12/22 S	15/28 S	18/34 S	16/33 S	12/24 S	8/17 SW
Valley	6/18 S	11/22 S	14/27 S	16/33 S	15/32 S	10/22 S	6/15 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	5/0	6/1	5/-0	4/-1	3/-2
300	6/4	7/4	8/5	9/5	7/3	6/3	5/3
Valley	8/6	9/6	10/7	10/7	9/5	8/5	6/4
Freezing Level*	1100m	1100m	1200m	1300m	1400m	1300m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best conditions through the morning, with some good views, and some sunshine. Still feeling cold, especially on the summits. Waterproof equipment will likely be needed at times throughout the day, with a shower risk, but especially from late afternoon onwards with rain spreading east and conditions generally deteriorating.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 23 May 2021	0mm	27.2mm	56mm

Forecast for Monday 24 May 2021

Weather: Another fine, but cold start to the day. A largely dry day follows, with variable amounts of cloud and sunny spells. The odd showers is possible, but mainly later in the day, with most routes staying dry. Increasing risk of showers during evening, with cloud gradually thickening from the north.

Maximum wind: Southwesterly 15-25mph, becoming northwesterly 10-20mph

Chance of cloud free mountain/hill tops above 600m: 70% for much of the day, falling to 30% during the evening.

Visibility: Mostly very good, but some reductions are likely during showers, with cloud occasionally obscuring tops above 500m. Cloud increasing during the evening, with more persistent areas likely above 600m, and the odd patch down to 500m

Temperature: **Valleys:** Plus 2 Celsius becoming Plus 12 Celsius
At 600m: Plus 2 Celsius becoming Plus 7 Celsius
Freezing level: Above the summits.

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